

The Problem of the Sources of Transported Material
During the Formation of the Lower Jurassic Continental
Deposits in Central Yakutiya (Amga Basin), by
R. A. Bidzhiyev, Yu. I. Minayeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 412-415.

AGI

Sci

Nov 62

The Folded Basement of the Yasensk-Leningrad Anticlinal Belt in the North-Western Ciscaucasia, by A. Ya. Dubinsky, L. A. Vardanyants, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2, 1961, pp 416-418.

AGI

Sci

Nov 62

On the Anabar Pseudotachylites and Their Age, by
V. V. Zakrutkin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 419, & 420.

AGI

Sci

Nov 62

The Stratigraphy and Facies Structure of the Upper
Permian Deposits in the Basin of the Middle Pechora
River, by I. S. Muravyev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 421-423.

AGI

Sci

Nov 62

The Structural Position of the Mesozoic Granites
in the Mongolia-Okhotsk Zone and in the Adjacent
Regions of the Stanov Range, by M. S. Nagabina,
T. V. Molchanova, 3 pp.

RUSSLAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 424-427.

AGI

Sci

Nov 62

Certain Data on the History of the Development of
the Lower Permian Deposits in the Territory of
Tataria, by A. Z. Tazetdinov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 428-431.

AGI

Sci

Nov 62

<p>Gorbunova, L. I. THE DISTRIBUTION OF ORGANIC MATTER IN CLAY FRACTIONS OF DIFFERENT MINERAL COMPOSITIONS. [1961] 3p. Order from ATS \$4.00 Trans. of Akademiya Nauk SSSR, Doklady, 1961, v. 136, no. 2, p. 432-433.</p> <p>DESCRIPTORS: *Clays, *Minerals, *Organic materials.</p> <p>(Earth Sciences--Mineralogy, TT, v. 6, no. 7)</p>	<p>61-25172</p> <p>I. Gorbunova, L. I. II. ATS-94N52R III. Associated Technical Services, Inc. East Orange, N. J.</p> <p>1 2 3 4</p> <p>Office of Technical Services</p>
---	--

Alteration of Quartz-Porphyry on Heating, by
L. I. Karyakin, A. T. Zelenskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 434-436.

AGI

Sci

Nov 62

Some Data on Magmatic Rocks of Basic and Ultrabasic Composition From the South Section of the Voronezh District, and Their Metallogenic Importance, by P. F. Sopko, V. I. Belyayev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2, 1961, pp 437-440.

AGT

Sci

Nov 62

The Problem of the Effect of Basin Salinity on
the Accumulation of Elements in Its Deposits, by
M. A. Glagoleva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 441-444.

AGI

Sci

Nov 62

New Data on the Morphology of Pleuromeia Corda From
the Lower Triassic of the Russian Platform, by
M. F. Neybury, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 445-448.

ATS - 95 N 52 R

AGI

Sci

473/JT-2725

Nov 62

Recent and Fossil Macoma Baltica(L.) on the Shore
of the Laptev Sea, by S. L. Troitskiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 449-.

AGI

Sci

Nov 62

The Part Played by the Reticuloendothelial System
in the Biological Activity of Bacterial Polysaccharides
Polysaccharides, by A. I. Braude, G. E. Vaisberg,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 2,
1961, pp 453-455.

AIBS

Sci

Oct 61

LOCALIZATION AND CYTOCHEMICAL PROPERTIES
OF THE PROTEINS OF THE HAIR CELLS OF THE
ORGAN OF CORTI IN A STATE OF RELATIVE REST
AND DURING EXPOSURE TO SOUND, BY V. A.
YANOVLEV, L. K. TITOVA, A. A. BRONSHTEIN,
S. FIP.

RUSSIAN, PER, DOK-AK-NAUK SSSR, VOL CXXXVI,
NO 3, 1961, PP 456-459.

AIBS

SCI

OCT 61

172,098

XREF-022

OVERCOMING SELF-STERILITY AND DEPRESSION OF
PROGENY DURING INBREEDING OF RYE, BY KH.
GERING, T. A. MITCHENKOVA, M. D. BARSUKOVA,
4 PP.

RUSSIAN, PER, ~~DOK AK NAUK SSSR~~, VOL CXXXVI,
NO 2, 1961, PP 460-462.

AIBS

SCI

OCT 61

36
172,297

New Branched Subspecies of Sciit Wheats, by N. V.
Tsitsin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCVI, No 2,
1961, pp 463-464.

AIBS

Sci

Oct 61

Effect of Currents on Quantitative Distribution of
Benthic Fauna in Northwest Part of Black Sea, by
N. N. Nikitin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCVI, No 2,
1961, pp 465-467.

AIBS

Sci

Oct 61

Alikhanyan, S. I., Mindlin, S. Z. and others.
THE PRODUCTION OF INACTIVE MUTANTS OF
ACT. RIMOSUS AND THE FORMATION OF AN
ANTIBIOTIC DURING THEIR MIXED CULTURE.
[1961] Sp.
Order from ATS \$7.00 ATS-4BNSOR

Trans. of Akad[emiya] Nauk SSSR, Doklady, 1961,
v. 136, no. 2, p. 468-471.

DESCRIPTORS: *Mutations, Production, *Antibiotics,
Microorganisms.

RUSSIAN TRANSLATION
ATS TT-62-2884
ATS RG-5502

(Biological Sciences--Microbiology, TT, v. 6, no. 1)

61-22353

I. Alikhanyan, S. I.
II. Mindlin, S. Z
III. ATS-4BNSOR
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

161835

Office of Technical Services

Polarization of Ultraviolet Fluorescence of Hair
Keratin, by S. V. Konev; M. A. Katibnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 2,
1961, pp 472-475.

A^{IP}
Sov Phys - Dok
Vol VI, No 1

Sci

HIS

160, 199

Jul 61

Plasma Effects in Semiconductors and Biological Effect
of Radiowaves, by D. A. Frank-Kamenetskii, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CMEVI, No 2,
1961, pp 476-478.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

AIPS

Jul 61

Mechanism of Action of Antiserum on the Metabolism
of Tumor Cells, by V. I. Agol, N. A. Grayevskaya,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR Vol CXXXVI,
No 2, 1961, pp 479-482.

AIBS

Sci

169, 925

Sep 61

Labile Phosphorus Compounds of the Myocardium of
Rabbits with Aortic Stenosis, by S. E. Severin,
3 pp.

RUSSIAN per, Dok Ak Nauk SSSR, Vol CXXXVI,
No 2, 1961, pp 483-486.

AIBS

169.927

Sci

Sep 61

2. The location of the proposed site is
approximately 10 miles west of the city of
Santiago, Chile.

3. Date At Hotel Park, San Carlos,
Argentina, 1961, pp 457-469.

AT&T

See

77, 93.3

Box 61

A Viviparous Monogenetic Trematode From Fresh Waters
of Africa, by A. V. Gusev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCVI, No 2,
1961, pp 490-493.

AIBS

Sci

Oct 61

Embryological Characterization of Pyrosomata
Fixata, by O. M. Ivanova-Kazas, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CHERVI, No 2,
1961, pp 494-496.

AIBS

Sci

Oct 61

The Role of Various Invertebrates and Vertebrates in
the ~~Rat~~ Food of the Nestlings of Certain Forest
Birds, by I. V. Prokof'yeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 2,
1951, pp 497-499.

AIBS

Sci

Oct 61

THE ROLE OF THE AUDITORY CORTEX IN THE DEPRESSION
OF AFFERENT IMPULSES IN THE AUDITORY
SYSTEM DURING PROLONGED SOUND STIMULATION,
BY YA. A. ALTMAN, 4 PP.

RUSSIAN, PERIODIK AK NAUK SSSR, VOL CXXXVI,
NO 2, PP 500-503.

AIBS

SCF

OCT 6 L

278,000

THE MECHANISM OF ACTION OF SMALL DOSES OF
ADRENALIN IN MAN IN NORMAL CONDITIONS AND IN
CERTAIN LESIONS OF THE DIENCEPHALIC REGION,
BY G. N. KASSIL, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXXXVI,
NO 2, PP 304-507.

A1BS

SCI

OCT 61

272,500

CHANGES IN ACTION POTENTIALS OF THE BRAIN
IN CHILDREN DURING BLOCK OF THE ADRENERGIC
SYSTEMS OF THE CENTRAL SYNAPSES OF THE
BRAINSTEM, BY G. N. SPERANSKIY, YU. M.
PRATUSEVICH, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXXXVI,
NO 2, L96L, PP 508-511.

AIBS

SCI

OCT 6L

172,300

The Spaces of Functions Analytic in $(p, 2)$ -
Circular Regions, by L. A. Ayzenberg, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCVI, 1961,
pp 521-524.

Amer Math Soc

Sci

Jul 61

160, 712

A Singular Integral Equation on the Contour of
Class R., by A. D. Alekseyev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1951,
pp 525-528.

Amer Math Soc

Sci

Jul 61

160,714

On the Convergence of Multiple Series With
Positive Terms, by Ye. A. Assadullin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 529-531.

Amer Math Soc

Sci

Jul 61

160, 715

On the Uniqueness of the Representation of Some
Classes of Positive Definite Generalized Functions,
by E. B. Vul, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 534-537.

Amer Math Soc

Sci

Jul 61

160,717

Some Properties of Differentiable Functions of
Many Variables, by V. P. Il'in, V. A.
Solonnikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 538-541.

Amer Math Soc

Sci

Jul 61

160,716

On the Theory of Discontinuous Variational
Problems With Variable End-Points in Space, by
M. K. Kerimov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 542-545.

Amer Math Soc

Sci

Jul 61

160, 718

Analogue of Schmidt's Method for Nonlinear Equations,
by S. I. Pohozaev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 546-548.

Amer Math Soc

Sci

Jul 61

160, 719

Geodesic Flows on Compact Surfaces of Negative Curvature, by Ya. G. Sinai, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, 1961,
pp 549-552.

Amer Math Soc

Sci.

Jul 61

160, 721

Realizations of Linear Functions by Formulas
Using \vee , \wedge , \neg , by B. A. Subbotovskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 553-555.

Amer Math Soc

Sci

Jul 61

160,720

A Phragmen-Lindelof Type Theorem for Functions
Harmonic in a Rectangular Cylinder, by I. A.
Cegis, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 556-559.

Amer Math Soc

Sci

Jul 61

160, 722

On the Complexity of Superpositions in Bases That
Contain Nontrivial Linear Formulas With Zero
Weights, by Ye. I. Nechiporuk, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 560-563.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

160, 193

Jul 61

Plane Unsteady Motion of an Ideal Incompressible Fluid, by V. I. Yudovich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 567-567.

4

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

160,196

Jul 61

Magnetic Properties of the Yardymiinskiy Iron Meteorite, by M. A. Kashkay, T. A. Ismail-Zade, V. I. Alichev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3, 1961, pp 563-570.

AIP
Sov Phys - Dok
Vol VI, No 1

NASA TT F-8107

Sci

Jun 61

Diffuse Irradiation in a Medium With Mirror
Reflecting Boundaries, by V. V. Sobolev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 571-574.

AIP
Sov Phye - Dok
Vol VI, No 1

Sci

160,189

Jul 61

The Polarity of Domain Boundaries in Thin
Ferromagnetic Sections, by L. V. Kirenskiy, V. A.
Buravikhin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 575, 576.

AIP
Sov Phys - Dok
Vol VI, No 1

160,187

Sci

Jul 61

Calculation of Vibrational Structure Equations of
the Electrons in an Excited Molecule Using the
Quantum Theory of Light Dispersion, by L. L.
Krushinskii, P. P. Shorygin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 577-580.

AIP
Sov Phys - Dok
Vol VI, No 1

160,186

Sci
Jul 61

Triple Spontaneous Mission of Ondrej-2' 2, by N. A.
Perfilov, T. I. Salyev'yeva, R. A. Filov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CHMVI, No 3,
1961, pp 531-532.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

Jul. 61

Crystallization of a Binary Alloy With Retention
of Stability, by V. T. Borisov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCVI, No 2,
1961, pp 583-586. ³

AIP
Sov Phys - Dok
Vol VI, No 1

Sci

Jul 61

160,182

(DC-5484)

Wind Profile in the Near-Water Layer Over
Lake Ladoga, by A. F. Izotova, T. A. Ogneva,
N. P. Smirnova, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI,
No 3, pp 587-590.

JPRS 8179

154,120

USSR
Geog
May 61

Kinetics and Mechanism of the Reaction of
Aluminium Alkyls With Titanium Halides, by A. F.
Zefirova, A. E. Shilov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 599-602.

ML M. 3447

Sci - Chem

Apr 62

194,023

A Contribution to the Theory of Impact
Excitations by Explosions, by
G. T. Afanas'yev, V. K. Bobolev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 136,
No 3, 1961, pp 642-643.
NTC 69-12440-07D

Sci-Chem
Aug 69

389 , 383

EXPERIMENTAL DETERMINATION OF THE ENTHALPY OF
MOLYBDENUM AT TEMPERATURES OF 700-2337
DEGREES, BY V. A. KIRILLIN, 7 PP..

RUSSIAN, PER, DOK AK NAUK SSSR, NO 3, 1961,
PP 645-647.

JPRS 17955

SCI M/M

MAR 63

224,373

A New Discovery of Upper Oligocene Flora in Western Kazakhstan, by V. I. Baranov, L. M. Yataykin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 678-679.

AGI

Sci

Nov 62

On the Epochs of Granitoid Magmatism of the Pamirs
and Darvas, by V. I. Budanov, A. M. Meskhiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 680-682.

AGI

Sci

Nov 62

Map of the Neotectonic Structure of the Upper
Dnestr Region, by I. D. Gofshayn, 3 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 683-685.

AGI

Sci

Nov 62

New Data on the Specific Composition of Brachiopods
in the Lower Paleogene Deposits of Crimea (Bakhchisaray
Region) and the Transcaucasus (Sukhumi Region), by
N. P. Kovaleva, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 686-688.

AGI

Sci

Nov 62

The Flood-Plain Terraces of the Volga and Early
Caspian Transgressions as Related To Glaciations,
by A. I. Moskvitin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 689-692.

AGI

Sci

Nov 62

A Large Swell-Like Uplift in the Eastern Part of the Irkutsk Cirque, by V. A. Tverdokhlebov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 693-695.

AGI

Sci

Nov 62

Structural Features of the Development Zone of
Complete Folding in Shale Dagestan, by V. N.
Sholpo, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 696-699.

AGI

Sci

Nov 62

The Structure of the Differentiated Lujavrite-Foyaite-Urtite Rock Complex of the Lovozero Massif, by V. I. Gerasimovsky, A. I. Polyakov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3, 1961, pp 700-.

AGI

Sci

Nov 62

Vertical Distribution of the Mass of Zooplankton
in the Tropical Region of the Atlantic Ocean,
by V. A. Yashnov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~XXXV~~CXXXVI,
No 3, 1961, pp 705-708.

AGU

Sci
Dec 62

Morphological Changes in the Placental Tissue of the White Rat After Local Freezing, by I. G. Mikhaileva, E. V. Fraznikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CMXAVI, No 3, 1961, pp 709-711.

AIBS

Sci

Oct 61

Cytogenetic and Physiological Action of Ethylenimine
and Gamma Rays on Wheat Seeds, by N. N. Zoz, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCVI, No 3,
1961, pp 712-713.

AIBS

Sci

Zaytseva, Z. M., Orlova, N. V. and others.
THE SYNTHESIS OF OXYTETRACYCLINE DURING
THE MIXED CULTURE OF INACTIVE MUTANTS OF
ACTINOMYCES RIMOSUS. [1961] 4p.
Order from ATS \$7.55

ATS-47NSOR

Trans. of Akademika Nauk SSSR Doklady 1961,
v. 136, no. 3, p. 714-717.

DESCRIPTORS: *Terramycin, Synthesis, Culture
media, *Mutations, *Actinomycetes, *Bacteria,
*Parasites.

61-22360

- I. Zaytseva, Z. M.
- II. Orlova, N. V.
- III. ATS-47NSOR
- IV. Associated Technical
Services, Inc.,
East Orange, N. J.

109633

Office of Technical Services

(Biological Sciences--Microbiology, TT, v. 6, no. 2)

The Formation of Vitamin B₁₂ by Photosynthetic
Bacteria, by E. N. Kondrat'yeva, V. Ye. Uspenskaya,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 3,
1961, pp 718-719.

AIBS

Sci

Oct 61

Relation Between Communication Capacity of Vision and Brightness, by V. D. Glezer, N. I. Faikherman, T. M. Esfikunova, 2 pp.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol CHEDVI, No 3, 1961, p 720.

AIP
Sov Phys - Dok
Vol VI, No 1

Sci AIP/S

Jul 61

Absorption of Cesium From Solutions of
Various Concentrations by Three Species of
Aquatic Plants, by A. A. Titlayanova,
V. I. Ivanov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, No 3, pp 721-722,
1961.

AIDS

Sci
Oct 61

On the Toxicity of Caffeic and Quinic Acids to ~~Mycelium~~
Phytophthora Infestans, by V. E. Sokolova, O. N. ~~etc.~~
Savel'eva, G. A. Solov'eva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI,
No 3, 1961, pp 723-726.

AIBS

Sci

Oct 61

Analysis of the Mechanism of the Increased
Resistance of Animals to Gas Gangrene Microorganisms
After Traumatic Injury to Muscles, by M. A. Askerov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCVI, No 3,
1961, pp 727-729.

AIBS

Sci

Oct 61

AT DIFFERENT STAGES OF THE LIFE CYCLE, BY
I. A. BARANNIKOVA, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXXXVI,
NO 3, 1961, PP 730-733.

AIBS

SCI

OCT 61

172,301

Correlation Between the Type of Nervous System and
the Vascular Reflexes in Children Aged 2-3 Years,
by M. F. Vasil'yev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 3,
1961, pp 734-736.

AIBS

Sci

Oct 61

Stability of the Typological Characteristics of the
Higher Nervous Activity of Young Infants, by V. I.
Govallo, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCVI, No 3,
1961, pp 737-740.

AIBS

Sci

Oct 61

The Possibility of Using Immunological Methods of
Investigation to Study the Pathogenesis of
Secondary Amyloidosis, by L. V. Favlikhina, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 3,
1961, pp 741-744.

AIBS

Sci

Oct 61

CHANGES IN THE ACTION POTENTIALS OF THE
BRAIN IN CHILDREN DURING BLOCKING OF THE
M-CHOLINERGIC SYSTEMS OF THE CENTRAL
SYNAPSES OF THE BRAINSTEM, BY G. N.
SPERANSKIY, YU. M. PRATUSEVICH, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXXXVI,
NO 3, L961, PP 745-748.

AIBS

SCI

OCT 6L

172,302

Data Relating to the Analysis of Induced Potentials,
by V. N. Chernigovskiy, R. A. Durinyan, S. M.
Zarayskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 3,
1961, pp 749-752.

AIBS

Sci

Oct 61

Minimax Problems in the Theory of Diffusion
Processes, by I. V. Girsanov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 761-764.

Amer Math Soc

Sci

Jul 61

160, 723

(NY-6169)

Abstract Automata and the Subdivision of Free
Semigroups, by V. M. Glushkov, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1960, pp 765-767.

JPRS 9284

Sci - Phys

155 779

Jun 61

The Entropy of a Horocycle Flow, by B. M. Gurevic,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 768-770.

Amer Math Soc

Sci

Jul 61

160, 725-

On the Solvability of the First Boundary Value
Problem for Elliptic Equations, by V. A.
Kondrat'yev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 771-774.

Amer Math Soc

Sci

Jul 61

160,724

On the Geometry of an n-Dimensional Surface of a
(2n-1)-Dimensional Projective Space, by N. M.
Ostianu, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 775-778.

Amer Math Soc

Sci

Jul 61

160, 726

The Dispersion Problem for a Difference Equation, by
V. G. Tarnopol'skiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, 1961,
pp 779-782.

Amer Math Soc

Sci

Jul 61

160, 727

(NY-6169)

Improvement of the Optimal Control of Inertial Objects in the Presence of Perturbations, by V. V. Kazakevich, A. P. Yurkevich, 11 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 783-786.

JPRS 9285

Sci - Phys

155, 045

Jun 61

Auto-Rotating Systems, by M. Ya. Leshchuk', 3 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1960, pp 787-790.

AIP
Sov Phys-Dok
Vol VI, No 2

Sci

164, 823

Aug 61

(NY-6269)

A Class of Automodel Motions of an Ultra-
Relativistic Gas, by V. A. Skripkin, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI,
No 4, 1961, pp 791-794.

JPRS 9281.

Sci - Phys
Jun 61

155, 453

Measurement of the Ionization Product of the Radiation
by α Particles in Argon, by A. P. Kuznetsov, A. V.
Borobt'ev, V. A. Korolev, 2 pp.
RUSSIAN, per, Dok Akad Nauk SSSR, Vol CHENI, No 1,
1961, pp 795-797.

AIIP
Sov Phys - Dok
Vol VI, No 2

Sci

AUG 67

Fine Structure of the Absorption and Emission
Spectra of Some Pigments at 77°
Litvin, R. I. Persone

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXVI, No 4,
1960, pp 798-800.

AIP
Sov Phys-Dok
Vol VI, No 2

16%, 825

Sci

Aug 61

Variation of the Cathodic Sputtering Coefficient
as a Function of the Angle of Incidence of Ions on
a Target, by V. A. Mel'chenko, G. P.
RUSSIAN, per, Dok Ak Nauk SSSR, vol. 656, No. 1,
1961, pp. 301-302.

AIP
Sov Phys - Dok
Vol VI, No 2

Sci

Aug 62

(NY-6169)

New Material on the Development of a Channel of
a Long Spark, by I. S. Stekol'nikov, A. V. Shkilev,
13 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 803-806.

JPRS 9282

155,452

Sci - Electron

Jun 61

Effect of the Mechanical Properties of Metals on
Ultrasonic Machining, by N. M. Rostovtsev, G. I.
Epifanov, 2 pp.

RUSSIAN, ver, Dok Ak Nauk SSSR, Vol 67(1), No 1,
1961, pp 277-280.

AIP
Sov Phys - Dok
Vol VI, No 2

Sci

Aug 61

(NY-6169)

On the Distribution of the Density of Charged
Particles in Meteor Trails, by T. L. Perel'man,
S. I. Anisimov, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI,
No 4, 1961, pp 810-812.

JPRS 9283

Sci - Geophys

155,374

Jun 61

Determination of the Phase of Structure and
by a Modification of the Minimalization Function, by
V. I. Simonov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1960, pp 813-816.

AIP
Sov Phys - Dok
Vol VI, No 2

164 82 L

Sci

Aug 61

The Principles of Constructing Geophysical Apparatus for Electrical Surveying by the Method of Obtaining Frequency Characteristics, by K. B. Karandeyev, L. Ya. Mizyuk, 3 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXXXIII, No 4,
1960, pp 831-834.

AGI

Sci

163,870

Aug 61

Vasil'eva, V. S., Drogaleva, I. V. and others.
GEOMETRICAL AND CHEMICAL MODIFICATION
OF SILICA GEL FOR GAS CHROMATOGRAPHY
PURPOSES. [1961] 5p.
Order from ATS \$7.50

ATS-24N54R

Trans. of Akademiya Nauk SSSR. Doklady, 1961,
v. 136, no. 4, p. 852-855.

DESCRIPTORS: *Silicon compounds, *Dioxides,
*Gels, Preparation, *Gas chromatography.

62-12137

I. Vasil'eva, V. S.
II. Drogaleva, I. V.
III. ATS-24N54R
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

(Chemistry--Physical, TT, v. 7, no. 3)

Office of Technical Services

Gur'ev, M. V.
MASS-SPECTRA AND PRIMARY PROCESSES OF
THE RADIATION CHEMISTRY OF PARAFFINS.
[1961] 6p.
Order from ATS \$6.90

ATS-54NS2R

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1961,
v. 136, no. 4, p. 856-859.

DESCRIPTORS: Mass spectroscopy, *Methanes,
*Radiation effects.

(Chemistry, TT, v. 6, no. 8)

61-25202

L Gur'ev, M. V.
IL ATS-54NS2R
III Associated Technical
Services, Inc.,
East Orange, N. J.

ATS/RJ-2052

195218

Office of Technical Services

A Study of Holocene Tectonic Movements of Western Bashk~~iria~~
Bashkiria, by Yu. E. Zhurenko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 889-891.

AGI

Sci

Nov 62

The Geological Structure of the Continental Shelf
of the West Coast of Southern Sakhalin, by V. M.
Lavrov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 892-895.

AGI

Sci

Nov 62

Recent Data on Lower Cretaceous Vulcanism in the Crimean Mountain Region, by V. I. Lebedinskiy, T. I. Dobrovolskaya, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4, 1961, pp 896-899.

AGI

Sci

Nov 62

The Paleogeographic Features of Accumulation of the
Tournaisian Coal-Bearing Deposits of the Eastern
Slope of the Southern Urals, by A. E. Mogilev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 900-903.

AGI

Sci

Nov 62

A Find of Triassic Fishes and Stegocephalians in the Northern Priural, by V. Ch. Chalychev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 904-906.

AGI

Sci

Nov 62

The Block Structure of the Polar Ural, by Yu. V.
Chidinov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4,
1961, pp 907-910.

AGI

Sci

Nov 62

The Flora and Vegetation of the Kinel Period in the Region of the Lower Kama, by L. M. Yataykin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI, No 4, 1961, pp 911-914.

AGI

Sci

Nov 62